

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101315\
 Data File : BM002894.D
 Acq On : 13 Oct 2015 19:46
 Operator : UM/IZ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Quant Time: Oct 14 17:33:11 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 17:20:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	85725	5.00	ng	0.00
8) Naphthalene-d8	11.50	136	361500	5.00	ng	0.00
14) Acenaphthene-d10	15.25	164	194712	5.00	ng	0.00
21) Phenanthrene-d10	17.95	188	451393	5.00	ng	0.00
24) Chrysene-d12	22.04	240	427995	5.00	ng	0.00
26) Perylene-d12	24.61	264	401099	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	6.15	112	11868	0.77	ng	0.02
3) Phenol-d6	7.80	99	17425	0.74	ng	0.02
9) Nitrobenzene-d5	9.86	82	15816	0.70	ng	0.00
15) 2,4,6-Tribromophenol	16.71	330	5239	0.74	ng	0.00
18) 2-Fluorobiphenyl	13.88	172	49823	0.78	ng	0.01
25) Terphenyl-d14	20.48	244	49986	0.77	ng	0.00

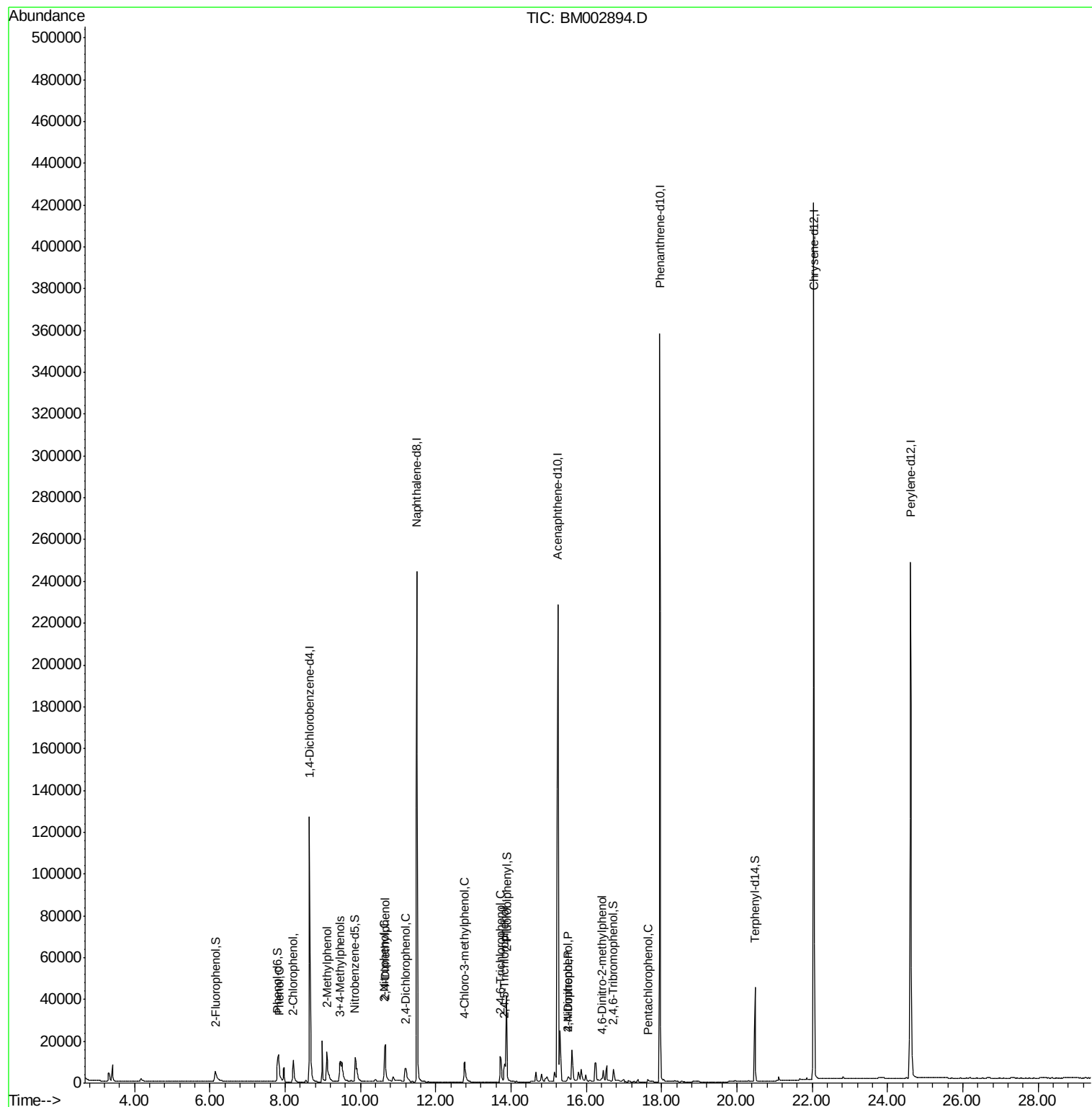
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) 2-Chlorophenol	8.21	128	16689	0.76	ng	# 69
5) Phenol	7.83	94	17658	0.71	ng	94
6) 2-Methylphenol	9.11	107	13310	0.75	ng	# 85
7) 3+4-Methylphenols	9.46	107	16521	0.75	ng	# 36
10) 2-Nitrophenol	10.64	139	6664	0.73	ng	# 59
11) 2,4-Dimethylphenol	10.66	122	14963	0.75	ng	99
12) 2,4-Dichlorophenol	11.21	162	11926	0.77	ng	93
13) 4-Chloro-3-methylphenol	12.76	107	14613	0.74	ng	88
16) 2,4,6-Trichlorophenol	13.73	196	9329	0.73	ng	# 61
17) 2,4,5-Trichlorophenol	13.83	196	10286	0.76	ng	# 98
19) 2,4-Dinitrophenol	15.51	184	252	0.25	ng	# 1
20) 4-Nitrophenol	15.51	139	3101	0.09	ng	# 75
22) 4,6-Dinitro-2-methylphenol	16.40	198	2032	0.63	ng	78
23) Pentachlorophenol	17.63	266	1836	0.54	ng	88

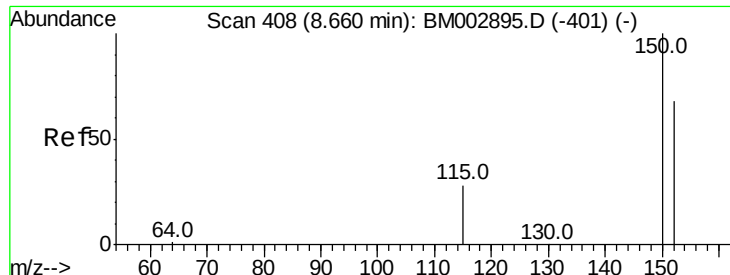
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.66 min Scan# 408

Delta R.T. -0.00 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

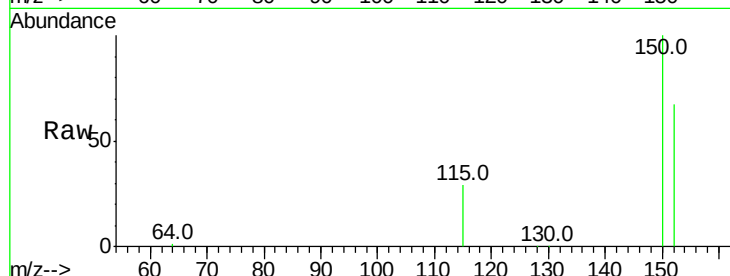
Tot Ion:152 Resp: 85725

Ion Ratio Lower Upper

152 100

150 148.3 116.3 174.5

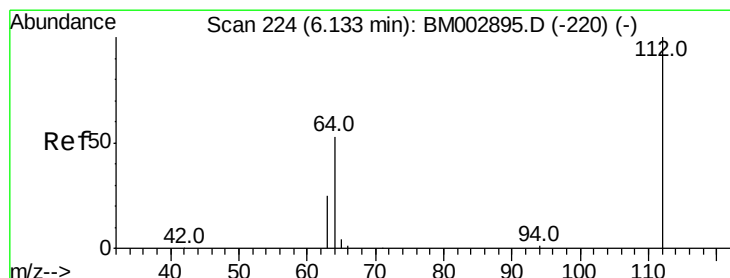
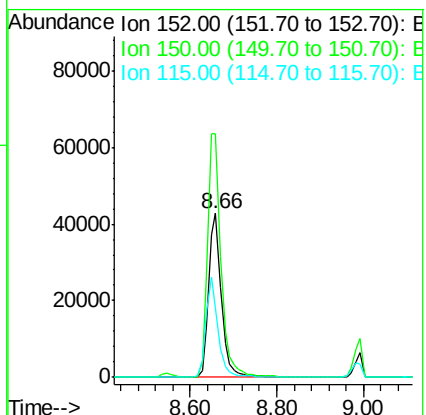
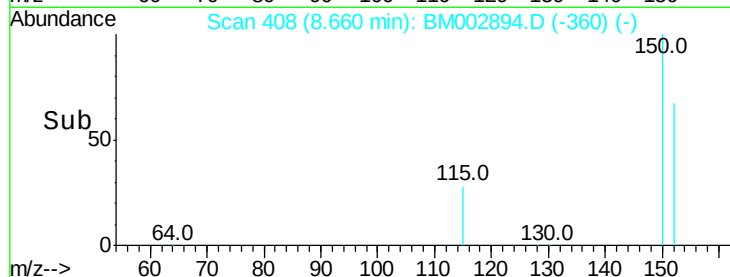
115 42.4 31.9 47.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

2-Fluorophenol

Concen: 0.77 ng

RT: 6.15 min Scan# 225

Delta R.T. 0.02 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

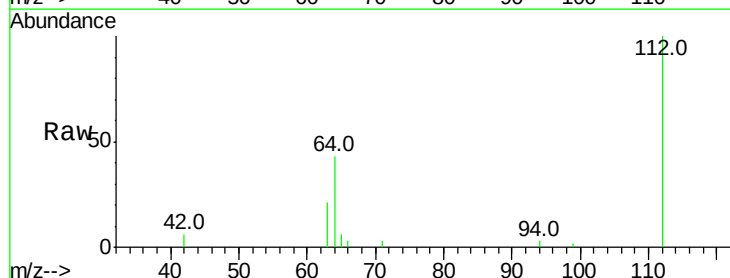
Tgt Ion:112 Resp: 11868

Ion Ratio Lower Upper

112 100

64 43.0 49.3 73.9#

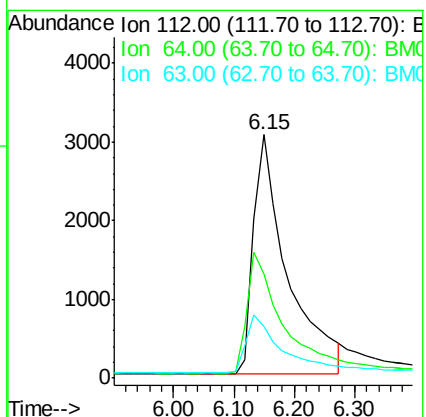
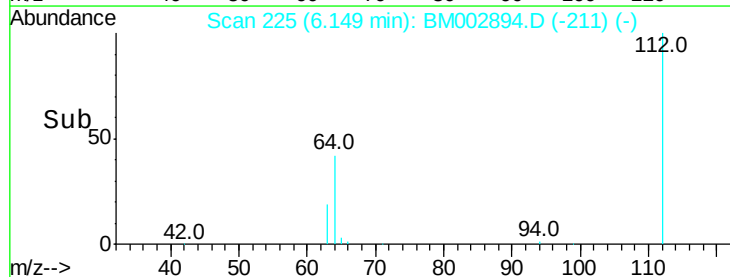
63 21.0 26.2 39.4#

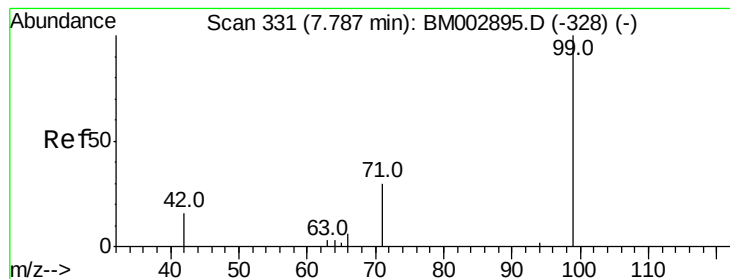


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#3

Phenol-d6

Concen: 0.74 ng

RT: 7.80 min Scan# 332

Delta R.T. 0.02 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

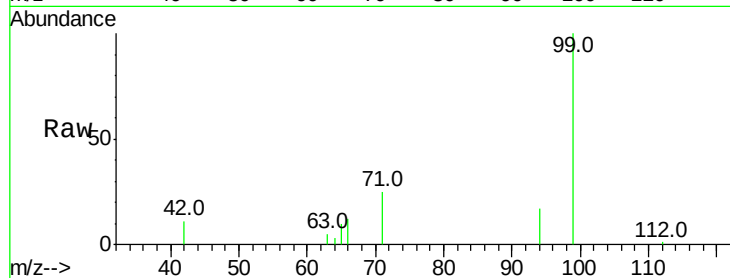
Tot Ion: 99 Resp: 17425

Ion Ratio Lower Upper

99 100

42 11.5 12.1 18.1#

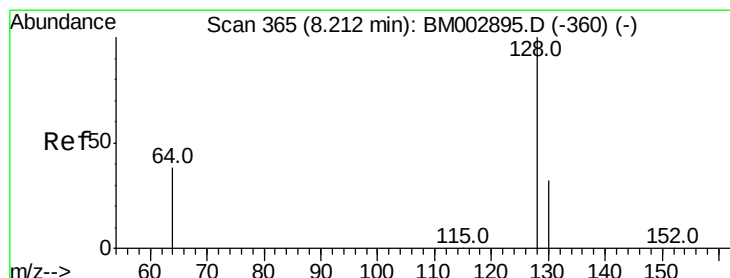
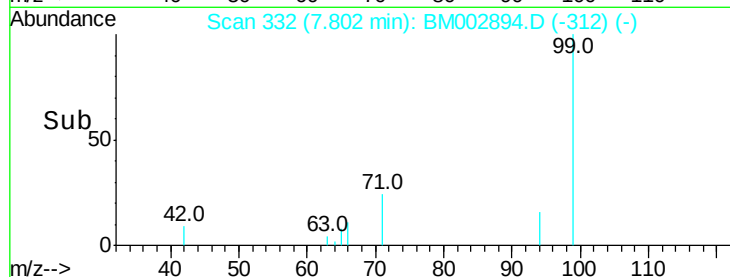
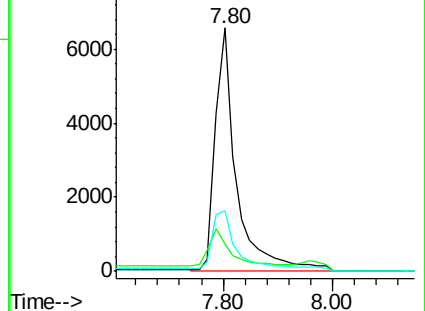
71 25.1 26.4 39.6#



Abundance Ion 99.00 (98.70 to 99.70): BM002895.D (-328) (-)

Ion 42.00 (41.70 to 42.70): BM002895.D (-328) (-)

Ion 71.00 (70.70 to 71.70): BM002895.D (-328) (-)



#4

2-Chlorophenol

Concen: 0.76 ng

RT: 8.21 min Scan# 365

Delta R.T. -0.00 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

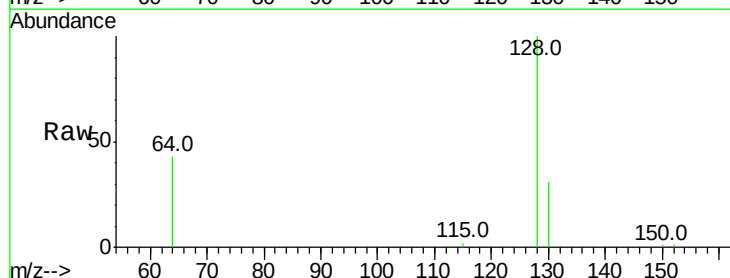
Tgt Ion: 128 Resp: 16689

Ion Ratio Lower Upper

128 100

130 31.1 22.2 62.2

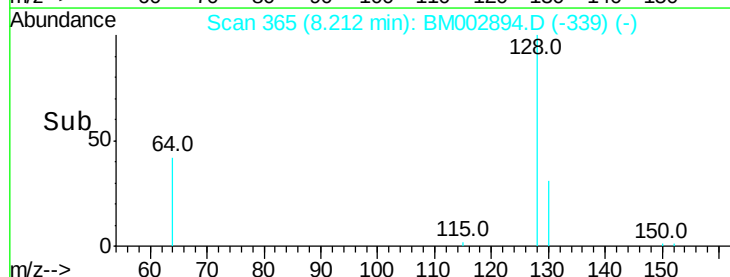
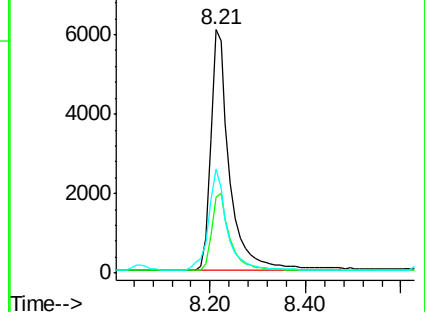
64 42.8 0.0 28.7#

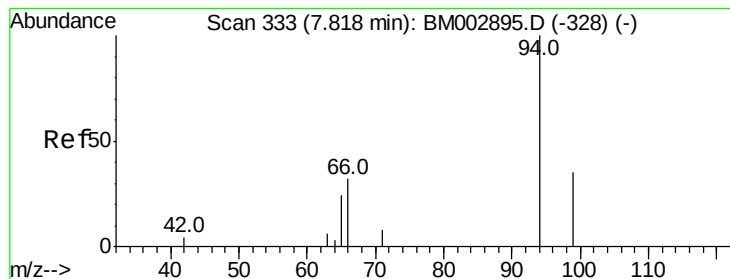


Abundance Ion 128.00 (127.70 to 128.70): BM002895.D (-360) (-)

Ion 130.00 (129.70 to 130.70): BM002895.D (-360) (-)

Ion 64.00 (63.70 to 64.70): BM002895.D (-360) (-)





#5

Phenol

Concen: 0.71 ng

RT: 7.83 min Scan# 334

Delta R.T. 0.02 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

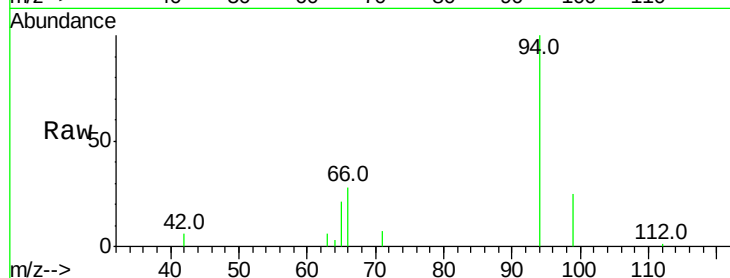
Tot Ion: 94 Resp: 17658

Ion Ratio Lower Upper

94 100

65 21.2 0.0 37.7

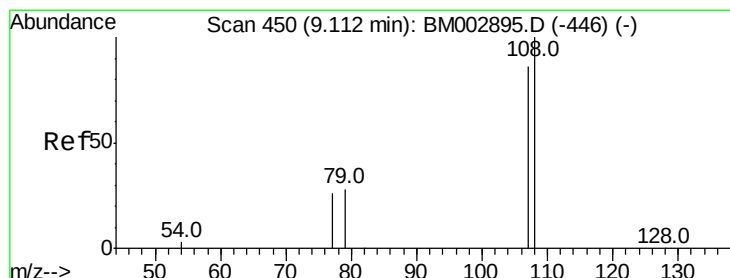
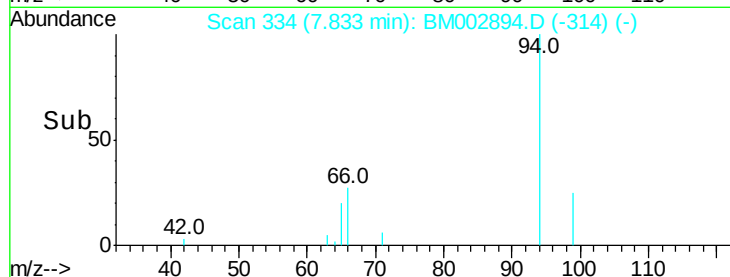
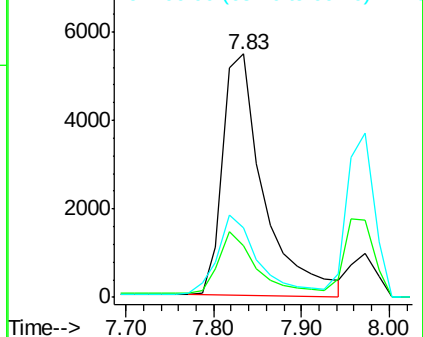
66 28.4 6.3 46.3



Abundance Ion 94.00 (93.70 to 94.70): BM002895.D (-328) (-)

Ion 65.00 (64.70 to 65.70): BM002895.D (-328) (-)

Ion 66.00 (65.70 to 66.70): BM002895.D (-328) (-)



#6

2-Methylphenol

Concen: 0.75 ng

RT: 9.11 min Scan# 450

Delta R.T. -0.00 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

Tgt Ion: 107 Resp: 13310

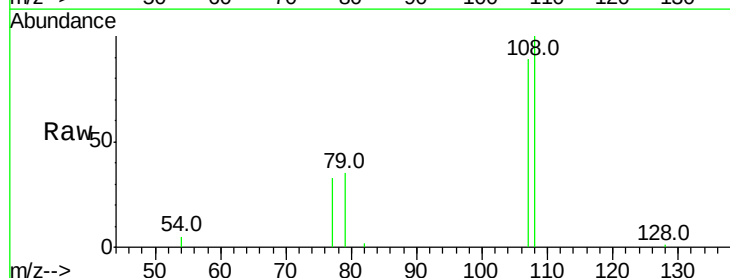
Ion Ratio Lower Upper

107 100

108 112.2 100.9 151.3

77 37.4 20.3 30.5#

79 39.4 22.8 34.2#

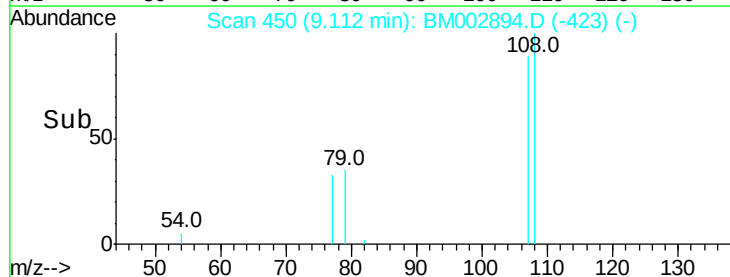
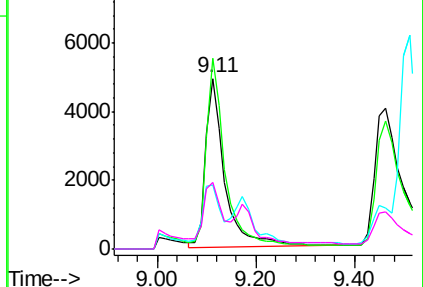


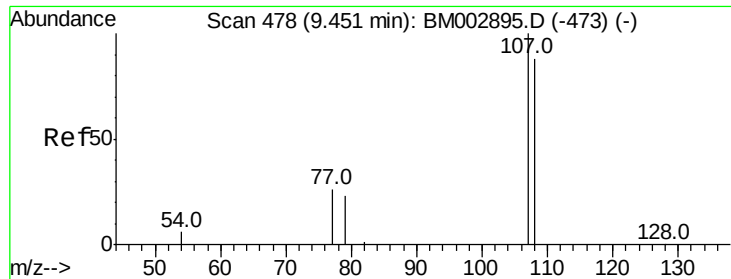
Abundance Ion 107.00 (106.70 to 107.70): BM002895.D (-446) (-)

Ion 108.00 (107.70 to 108.70): BM002895.D (-446) (-)

Ion 77.00 (76.70 to 77.70): BM002895.D (-446) (-)

Ion 79.00 (78.70 to 79.70): BM002895.D (-446) (-)





#7

3+4-Methylphenols

Concen: 0.75 ng

RT: 9.46 min Scan# 479

Delta R.T. 0.01 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

Tot Ion:107 Resp: 16521

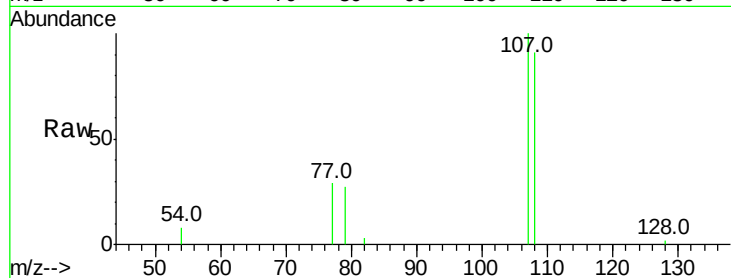
Ion Ratio Lower Upper

107 100

108 90.9 86.3 126.3

77 28.9 151.7 191.7#

79 26.6 7.4 47.4

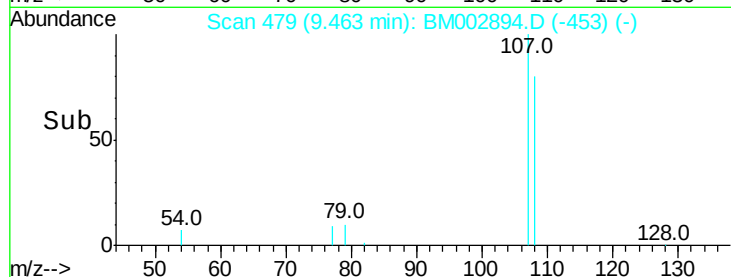


Abundance Ion 107.00 (106.70 to 107.70): E

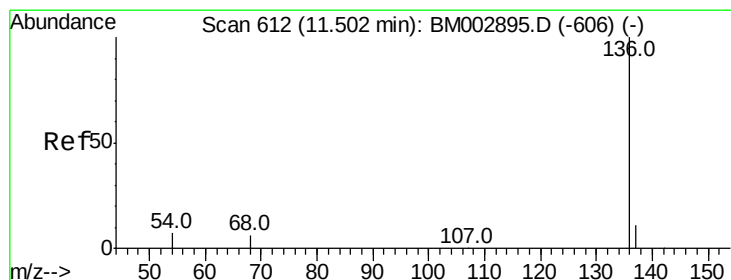
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



Time-->



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.50 min Scan# 612

Delta R.T. -0.00 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

Tgt Ion:136 Resp: 361500

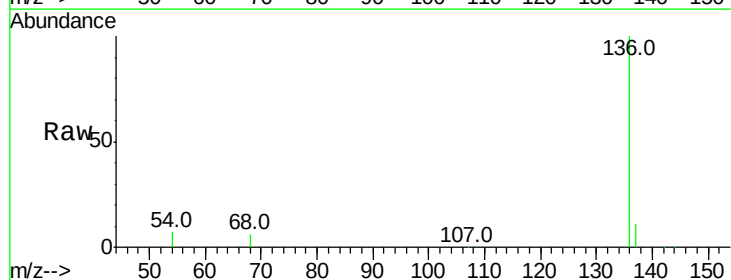
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 7.1 2.6 3.8#

68 6.0 2.2 3.2#

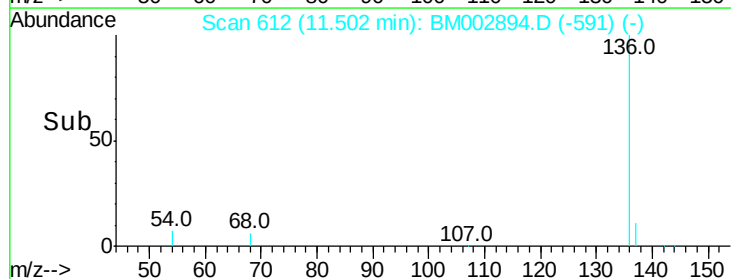


Abundance Ion 136.00 (135.70 to 136.70): E

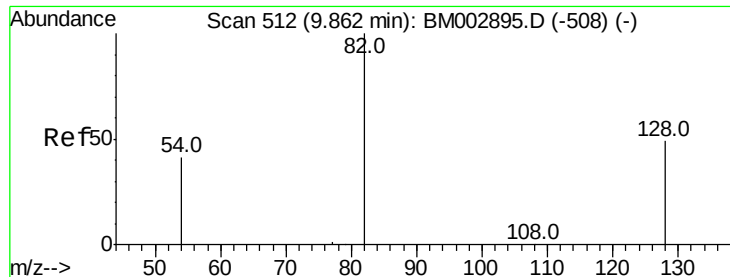
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#9

Nitrobenzene-d5

Concen: 0.70 ng

RT: 9.86 min Scan# 512

Delta R.T. -0.00 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

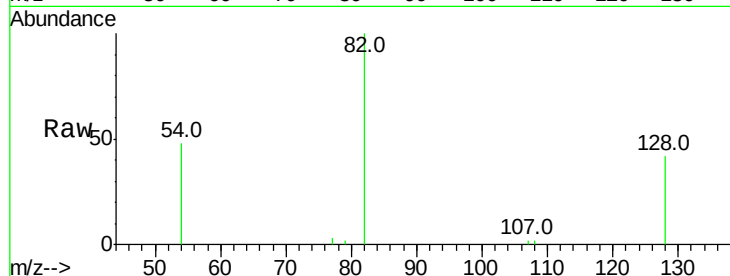
Tot Ion: 82 Resp: 15816

Ion Ratio Lower Upper

82 100

128 53.3 0.0 0.0#

54 53.4 59.0 88.6#



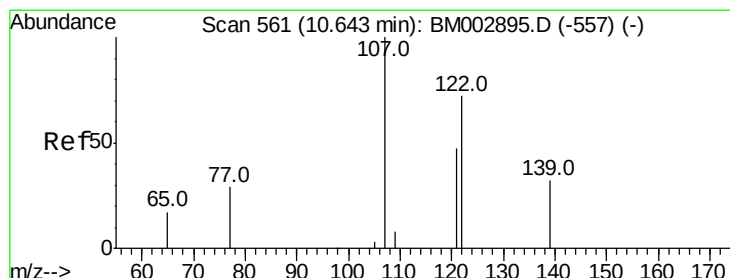
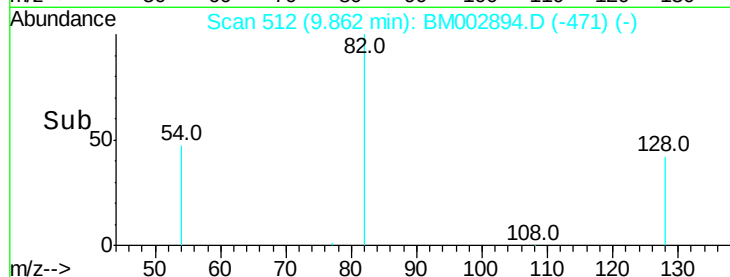
Abundance Ion 82.00 (81.70 to 82.70): BM002894.D (-508) (-)

Ion 128.00 (127.70 to 128.70): BM002894.D (-508) (-)

Ion 54.00 (53.70 to 54.70): BM002894.D (-508) (-)

9.86

Time-->



#10

2-Nitrophenol

Concen: 0.73 ng

RT: 10.64 min Scan# 561

Delta R.T. -0.00 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

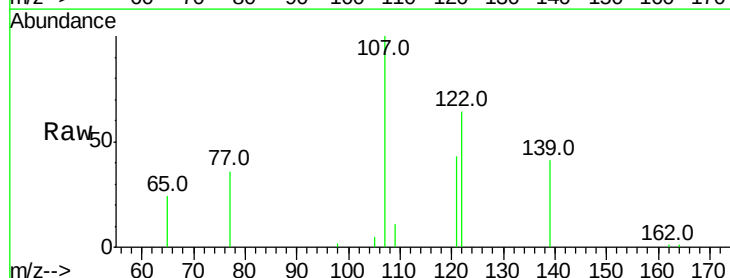
Tgt Ion: 139 Resp: 6664

Ion Ratio Lower Upper

139 100

109 28.0 19.5 29.3

65 60.1 18.6 28.0#



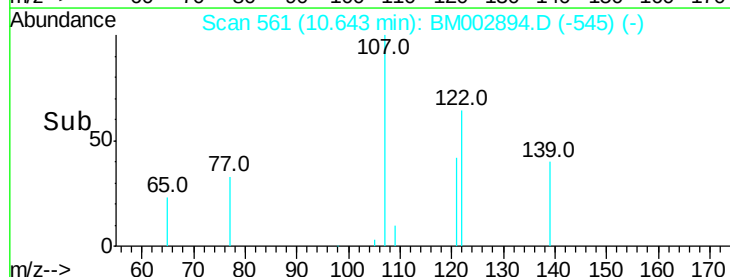
Abundance Ion 139.00 (138.70 to 139.70): BM002894.D (-557) (-)

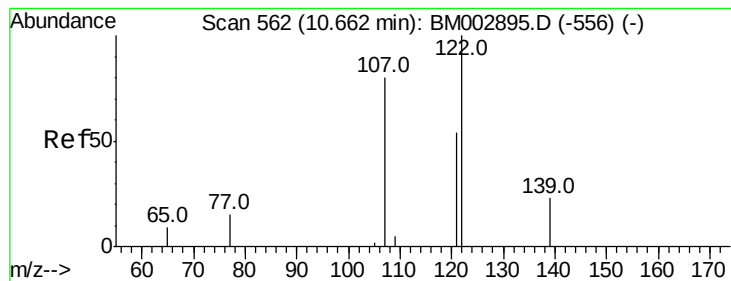
Ion 109.00 (108.70 to 109.70): BM002894.D (-557) (-)

Ion 65.00 (64.70 to 65.70): BM002894.D (-557) (-)

10.64

Time-->

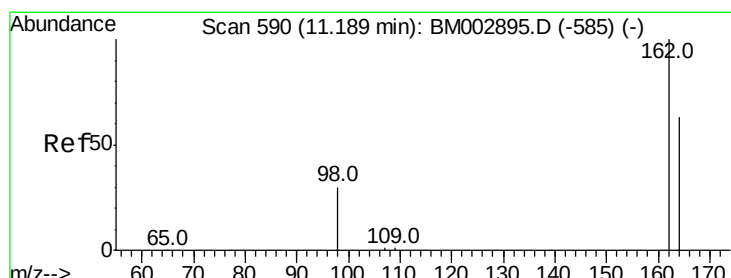
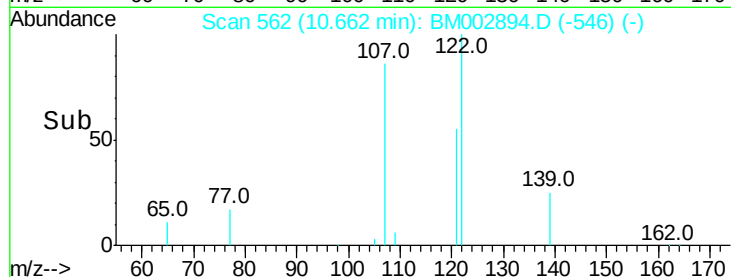
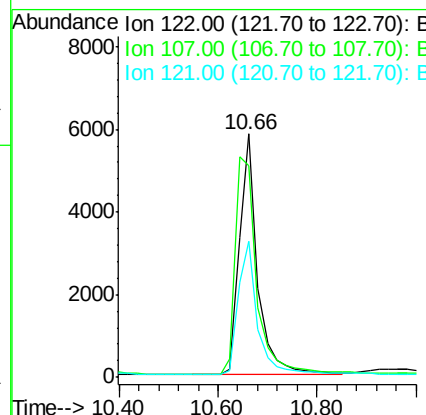
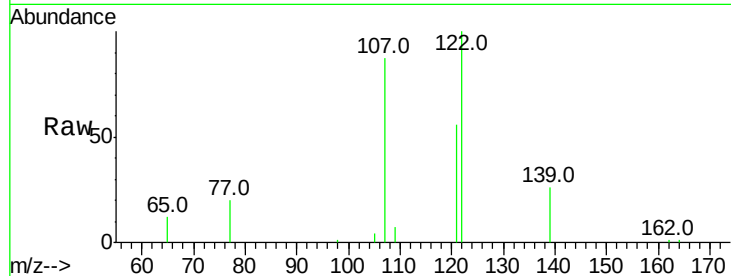




#11
 2,4-Dimethylphenol
 Concen: 0.75 ng
 RT: 10.66 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BM002894.D
 Acq: 13 Oct 2015 19:46

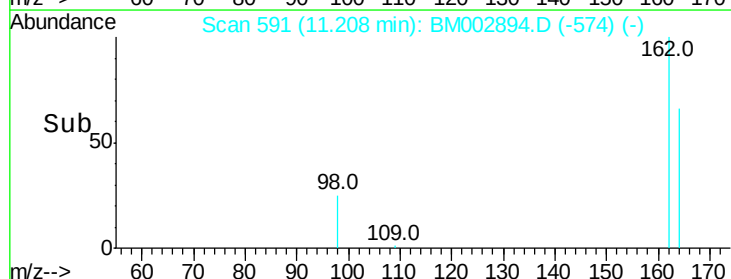
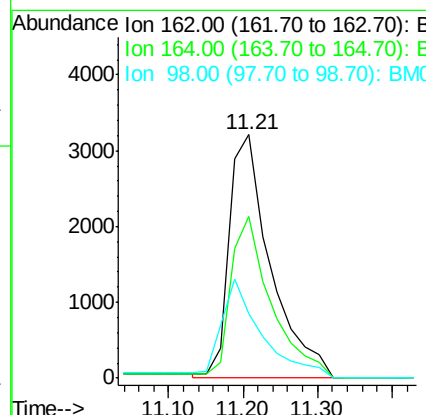
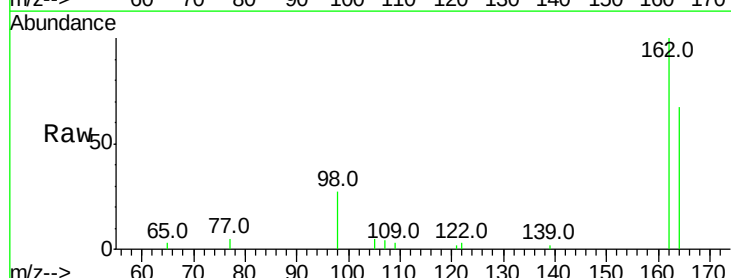
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

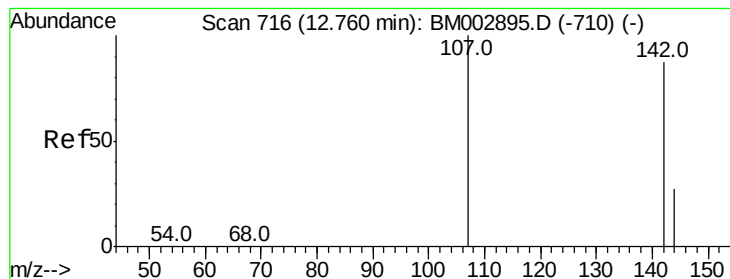
Tot Ion:122 Resp: 14963
 Ion Ratio Lower Upper
 122 100
 107 86.7 68.6 102.8
 121 56.1 44.8 67.2



#12
 2,4-Dichlorophenol
 Concen: 0.77 ng
 RT: 11.21 min Scan# 591
 Delta R.T. 0.02 min
 Lab File: BM002894.D
 Acq: 13 Oct 2015 19:46

Tgt Ion:162 Resp: 11926
 Ion Ratio Lower Upper
 162 100
 164 66.7 49.2 89.2
 98 26.7 0.0 37.4





#13

4-Chloro-3-methylphenol

Concen: 0.74 ng

RT: 12.76 min Scan# 716

Delta R.T. -0.00 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

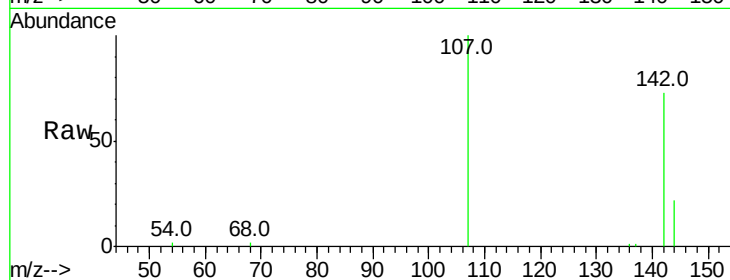
Tot Ion:107 Resp: 14613

Ion Ratio Lower Upper

107 100

144 22.4 16.2 24.2

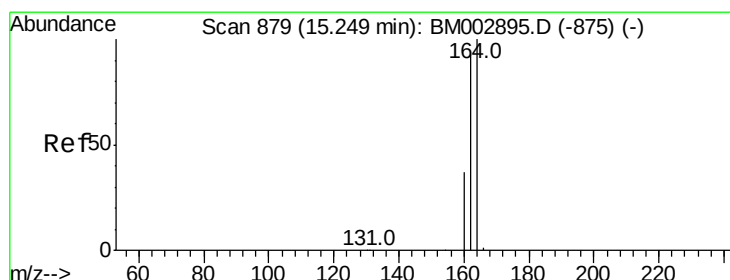
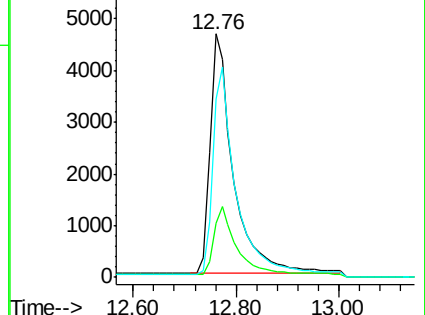
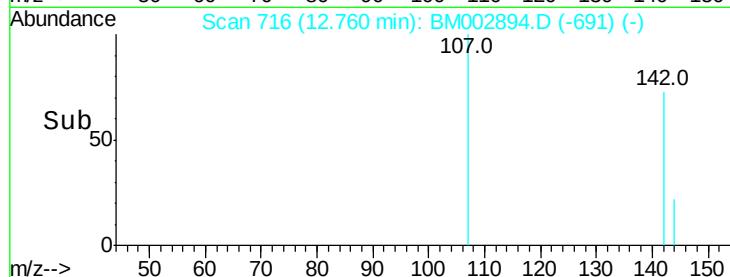
142 73.5 49.8 74.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#14

Acenaphthene-d10

Concen: 5.00 ng

RT: 15.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

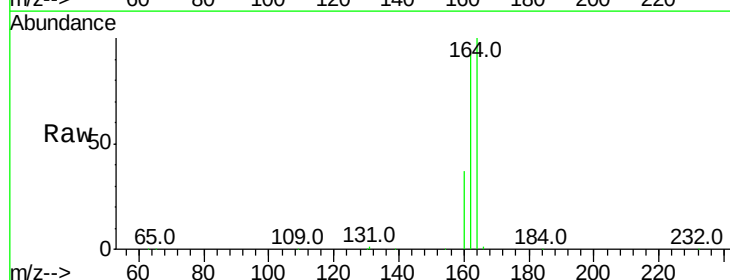
Tgt Ion:164 Resp: 194712

Ion Ratio Lower Upper

164 100

162 93.4 79.2 118.8

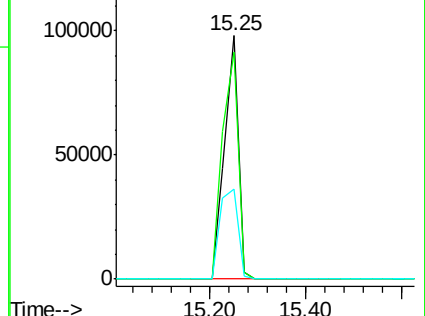
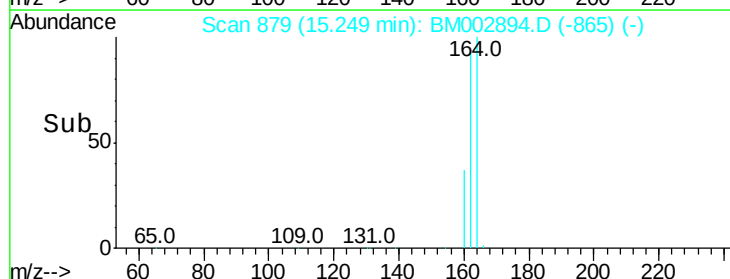
160 36.9 33.7 50.5

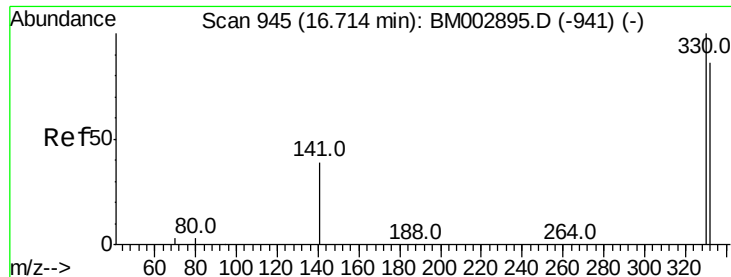


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

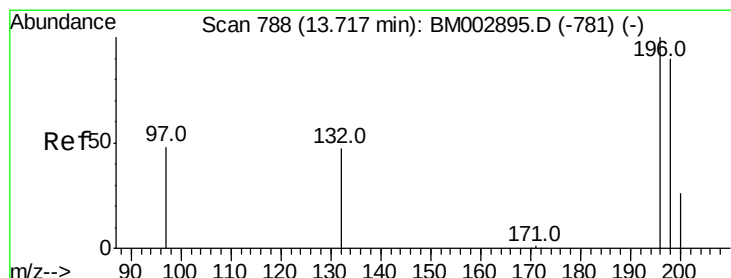
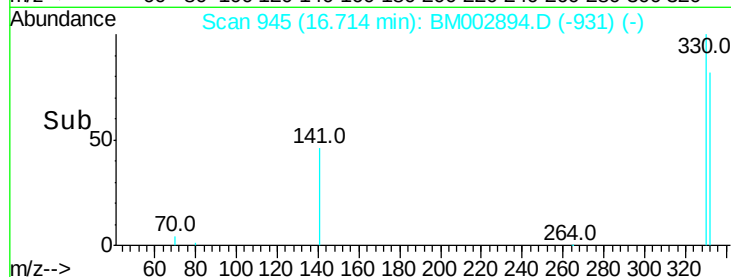
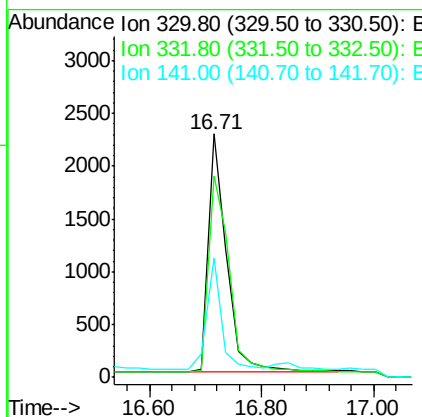
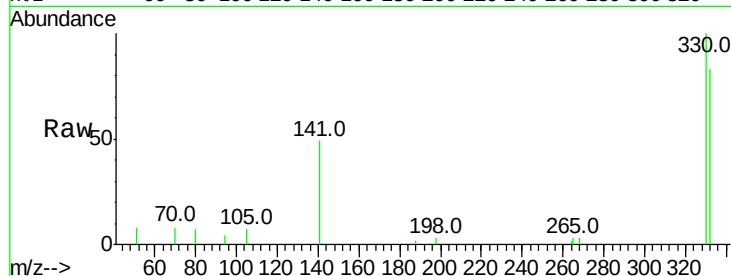




#15
 2,4,6-Tribromophenol
 Concen: 0.74 ng
 RT: 16.71 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BM002894.D
 Acq: 13 Oct 2015 19:46

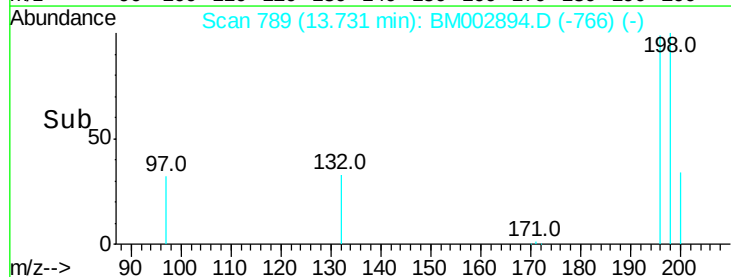
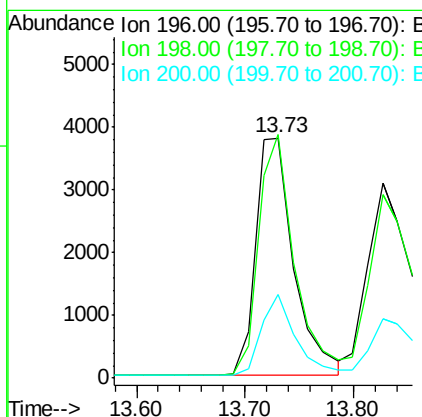
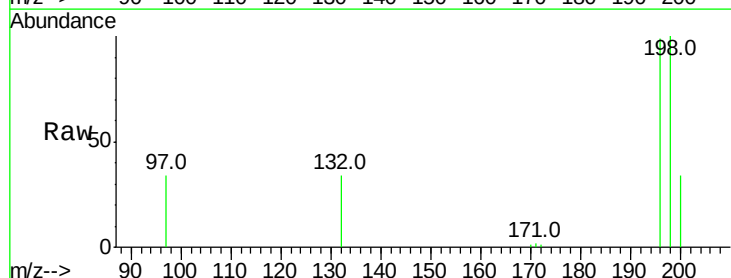
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

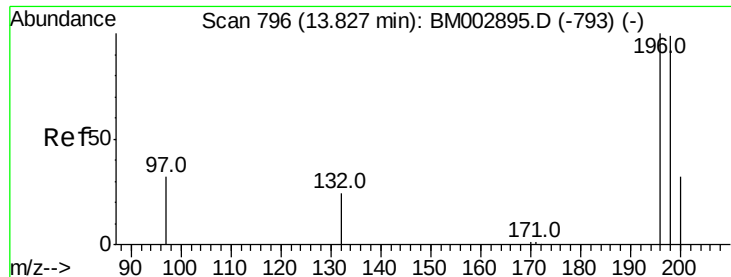
Tot Ion:330 Resp: 5239
 Ion Ratio Lower Upper
 330 100
 332 93.4 74.0 111.0
 141 36.5 24.1 36.1#



#16
 2,4,6-Trichlorophenol
 Concen: 0.73 ng
 RT: 13.73 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BM002894.D
 Acq: 13 Oct 2015 19:46

Tgt Ion:196 Resp: 9329
 Ion Ratio Lower Upper
 196 100
 198 101.4 54.2 81.2#
 200 34.9 17.1 25.7#

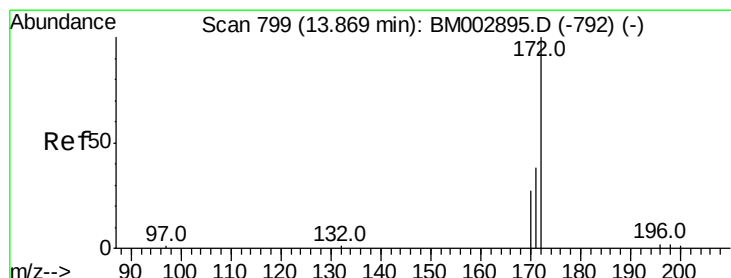
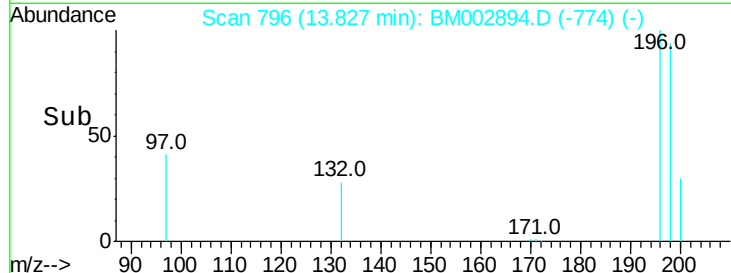
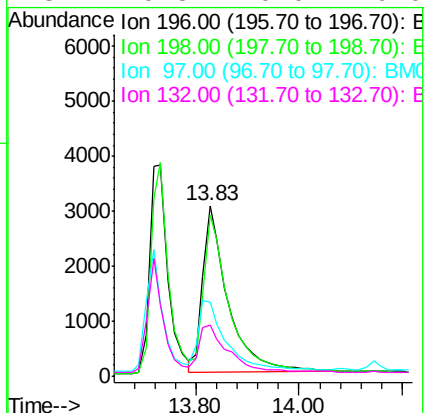
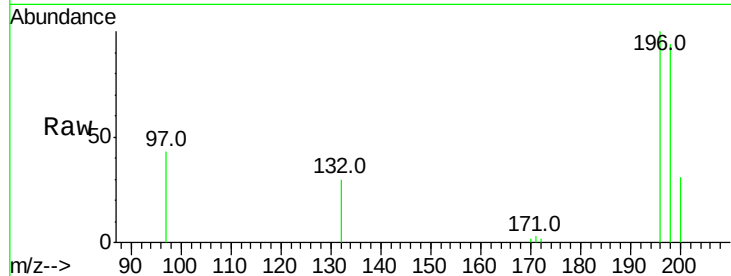




#17
2,4,5-Trichlorophenol
Concen: 0.76 ng
RT: 13.83 min Scan# 796
Delta R.T. -0.00 min
Lab File: BM002894.D
Acq: 13 Oct 2015 19:46

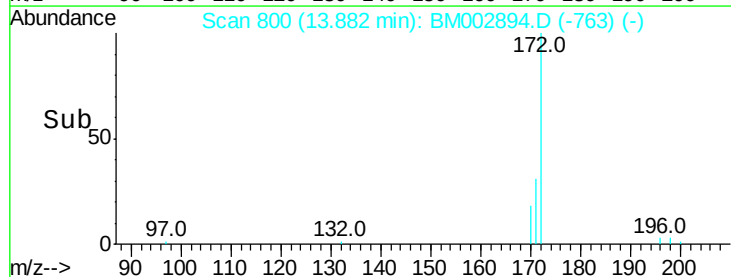
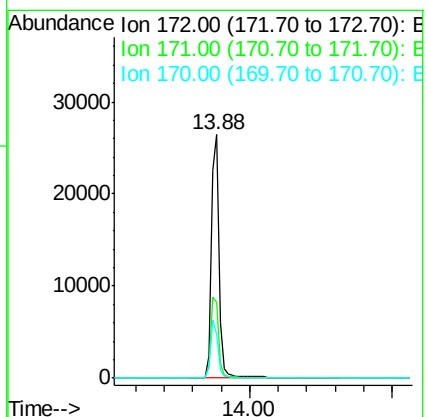
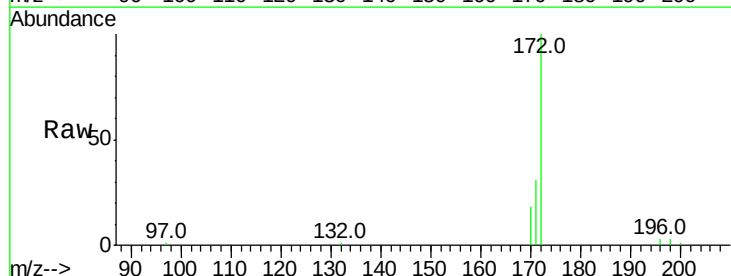
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

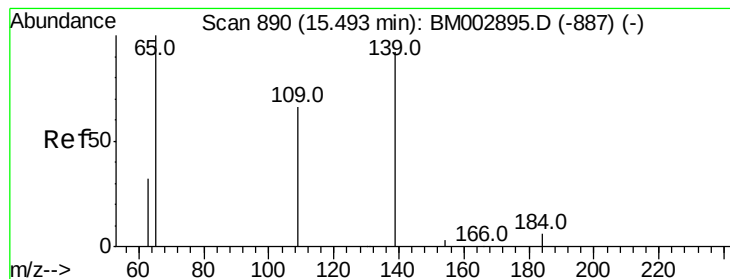
Tot Ion:196 Resp: 10286
Ion Ratio Lower Upper
196 100
198 94.3 73.6 110.4
97 43.4 0.0 0.0#
132 29.8 0.0 0.0#



#18
2-Fluorobiphenyl
Concen: 0.78 ng
RT: 13.88 min Scan# 800
Delta R.T. 0.01 min
Lab File: BM002894.D
Acq: 13 Oct 2015 19:46

Tgt Ion:172 Resp: 49823
Ion Ratio Lower Upper
172 100
171 34.5 0.0 0.0#
170 22.7 0.0 0.0#





#19

2,4-Dinitrophenol

Concen: 0.25 ng

RT: 15.51 min Scan# 891

Delta R.T. 0.02 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

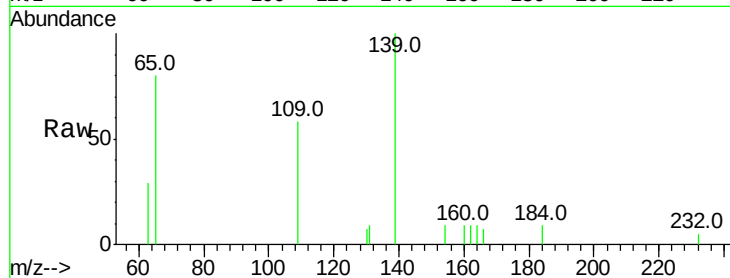
Tot Ion:184 Resp: 252

Ion Ratio Lower Upper

184 100

63 328.7 52.0 78.0#

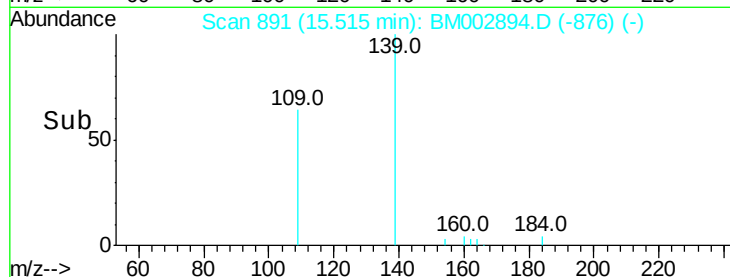
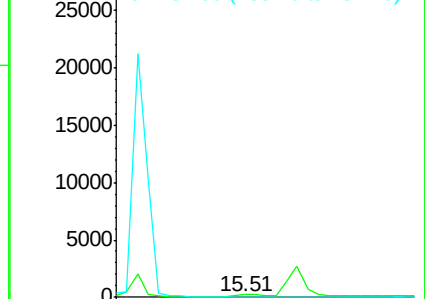
154 103.7 51.4 77.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#20

4-Nitrophenol

Concen: 0.09 ng

RT: 15.51 min Scan# 891

Delta R.T. -0.00 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

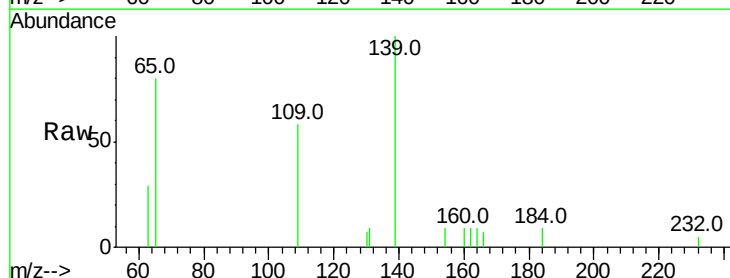
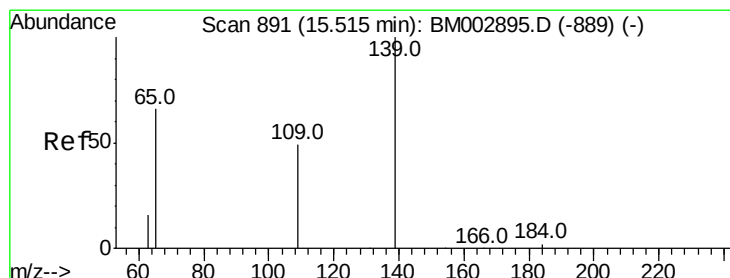
Tgt Ion:139 Resp: 3101

Ion Ratio Lower Upper

139 100

109 57.6 60.0 100.0#

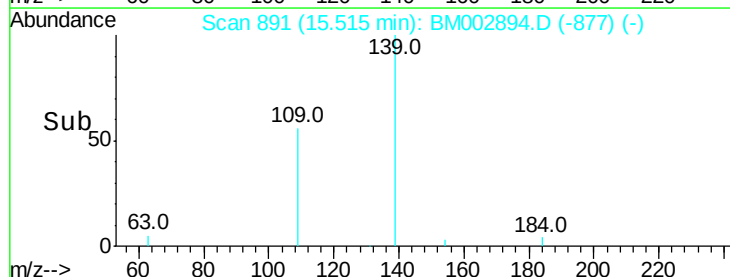
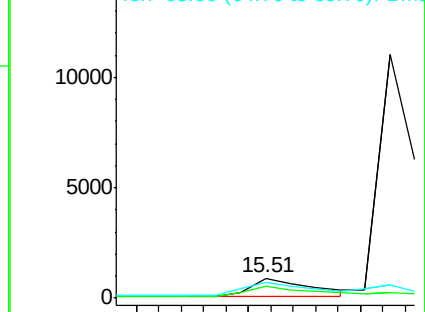
65 80.2 85.7 125.7#

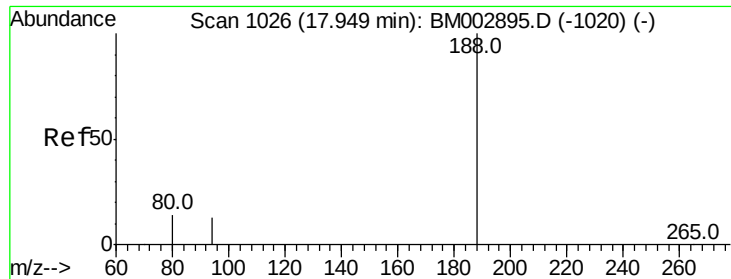


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM0

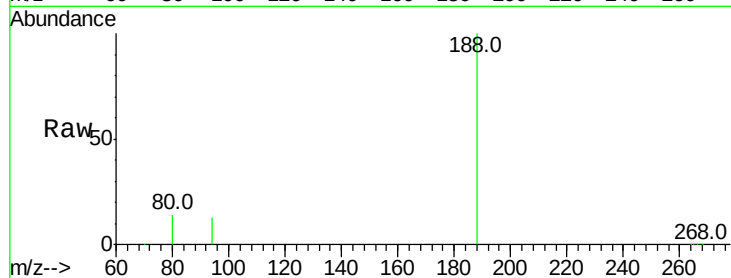




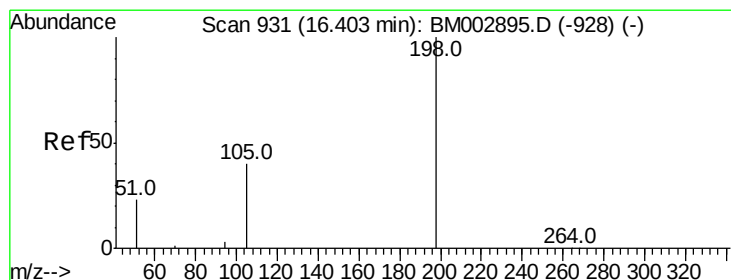
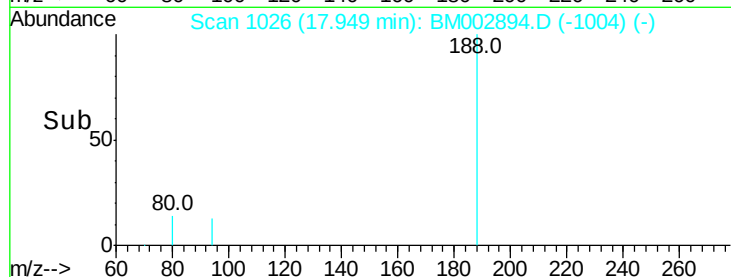
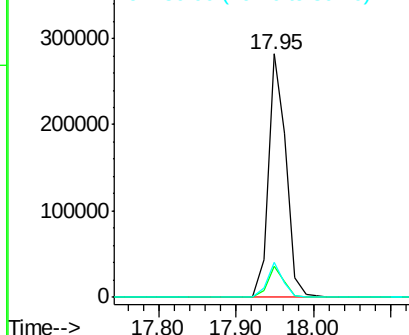
#21
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM002894.D
Acq: 13 Oct 2015 19:46

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tot Ion:188 Resp: 451393
Ion Ratio Lower Upper
188 100
94 12.7 2.9 4.3#
80 14.1 2.5 3.7#

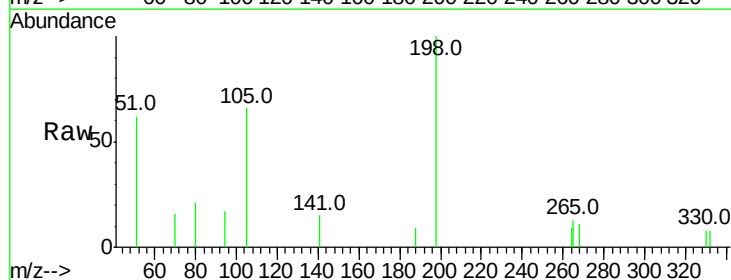


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

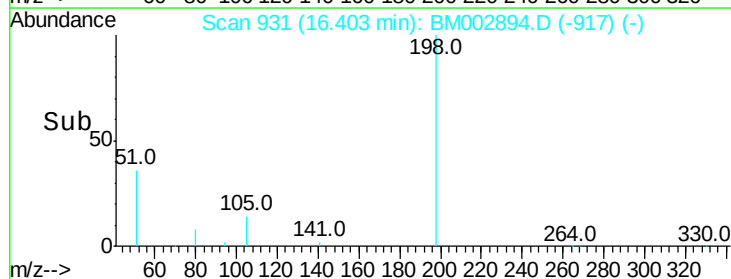
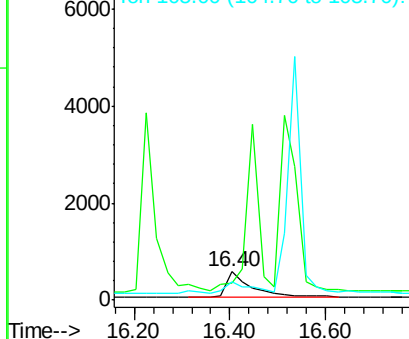


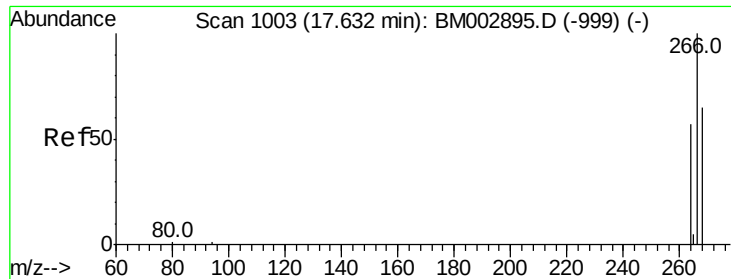
#22
4,6-Dinitro-2-methylphenol
Concen: 0.63 ng
RT: 16.40 min Scan# 931
Delta R.T. -0.00 min
Lab File: BM002894.D
Acq: 13 Oct 2015 19:46

Tgt Ion:198 Resp: 2032
Ion Ratio Lower Upper
198 100
51 61.8 60.8 100.8
105 65.6 30.0 70.0



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM0
Ion 105.00 (104.70 to 105.70): E

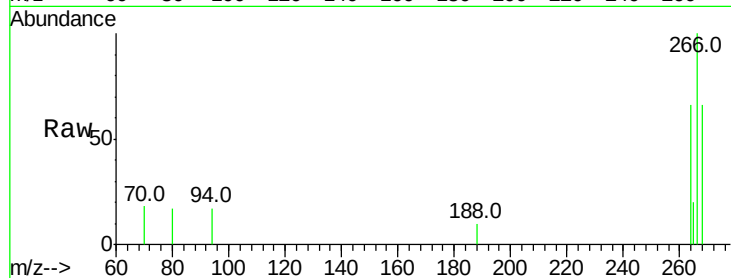




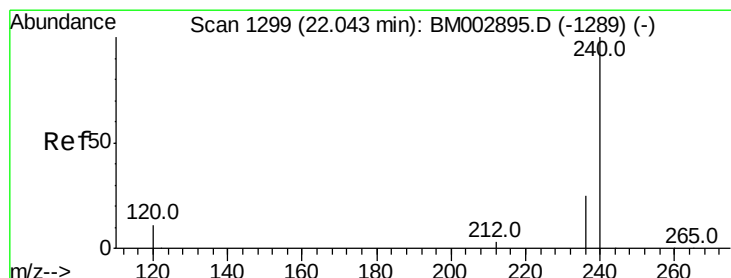
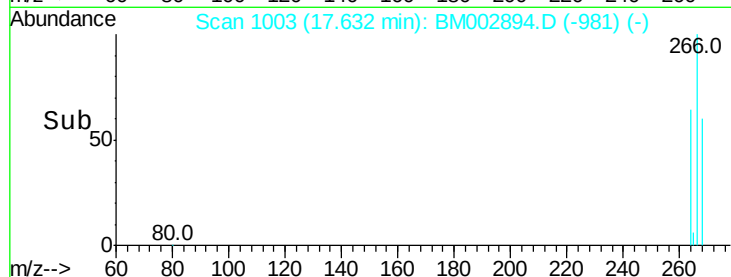
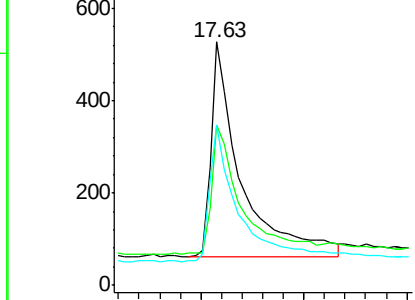
#23
 Pentachlorophenol
 Concen: 0.54 ng
 RT: 17.63 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BM002894.D
 Acq: 13 Oct 2015 19:46

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Tot Ion:266 Resp: 1836
 Ion Ratio Lower Upper
 266 100
 268 65.8 62.6 94.0
 264 65.8 47.9 71.9

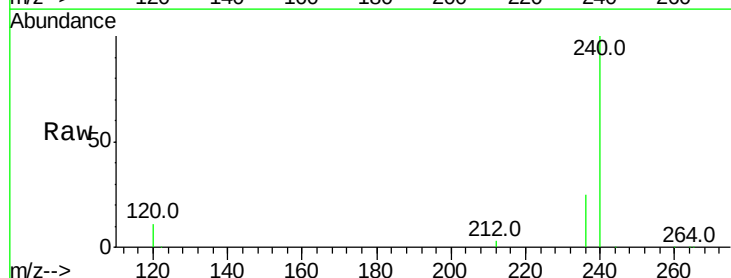


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

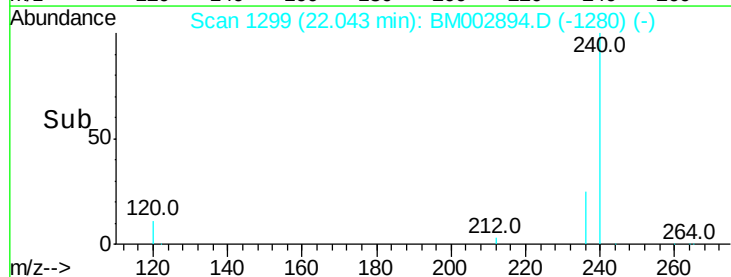
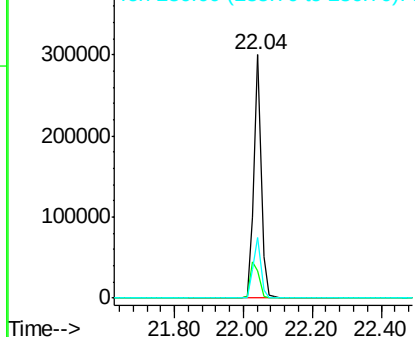


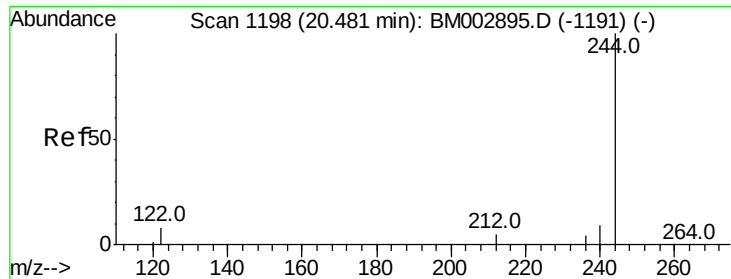
#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 22.04 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BM002894.D
 Acq: 13 Oct 2015 19:46

Tgt Ion:240 Resp: 427995
 Ion Ratio Lower Upper
 240 100
 120 11.2 10.4 15.6
 236 24.9 22.0 33.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#25

Terphenyl-d14

Concen: 0.77 ng

RT: 20.48 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

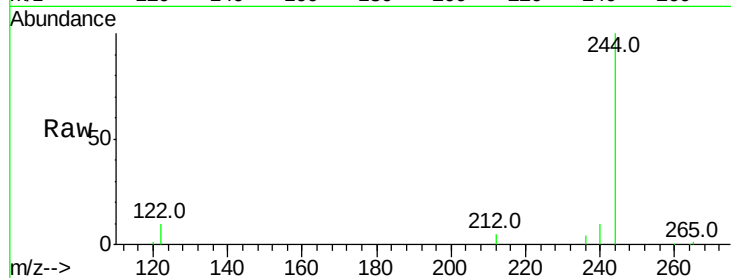
Tot Ion:244 Resp: 49986

Ion Ratio Lower Upper

244 100

212 8.1 7.3 10.9

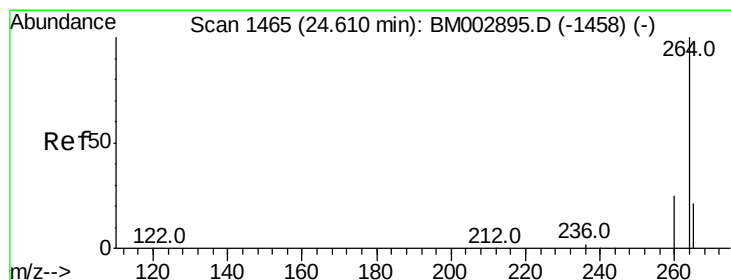
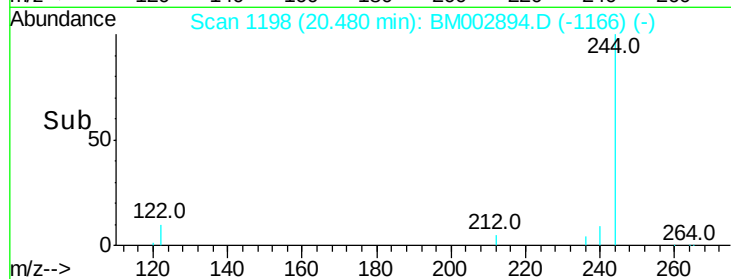
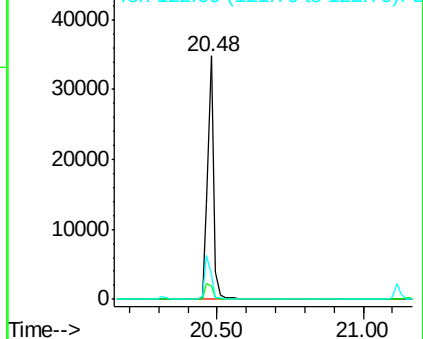
122 19.0 14.8 22.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#26

Perylene-d12

Concen: 5.00 ng

RT: 24.61 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BM002894.D

Acq: 13 Oct 2015 19:46

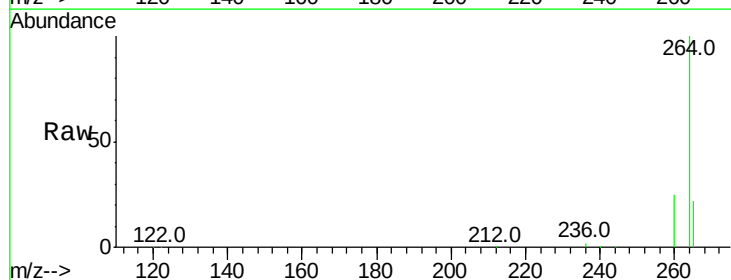
Tgt Ion:264 Resp: 401099

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 21.6 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

